Bid Comparison
TechLaw project No. TL01-11-12-001

TechLaw-Wheeling Project No. TL01-11-12-001									
Parameter/Method	# Samples	Test America[1]	Test America[2]	Trimatrix[1]	Trimatrix[2]	Pace Analytical[1]	Pace Analytical[2]	Isotech[1]	Isotech[2]
Biological Tests									
Bacteria (Fecal & total coliform, HPC)	71								
C14 isotope (biogenic vs. thermo)	71								
$d^{13}C$ of inorganic carbon (isotech)	71								
$d^{13}C$ and $d^{2}H$ of methane (isotech)	71								
Stable isotopes of water (O,H) (isotech)	71								
Complete compositional analysis of headspace gas	71								
Diss. gases methane, ethane, ethene	71								
Category Total:									
Gamma Spec (K-40, Ra-226, Ra-228, Th-232, Th-234, U-235, U-238) (901.1)	71								
Gross Alpha/Beta (900.0)	71								
Ra-226 (903.1)	71								
Ra-228 (904.0)	71								
87Sr/86Sr analysis by SW846 6020	71								
Category Total:									
Dissolved Gases, Methane, Ethane, & Ethene (RSK-175)	71								
Ethylene Glycol (8015M)	71								
Methylene Blue Active Substances (MBAS) (SM 5540C)	71								
Oil & Grease (HEM) (1664A)	71								
Turbidity, Nephelometric (180.1)	71								
2-Methoxyethanol by: method 8015B	71								
1-methylnapthalene by 8270 or equivalent	71								
Category Total:									

Ex. 4 - CBI

Notes:

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Ex. 4 - CBI

Total Cost - Pace Analytical:

Total Cost - Isotech:

Ex. 4 - CBI

does not inclue

Contract No. EP-S3-10-14

DIM0182716

TABLE 2 - 12/21/11
SAMPLE ANALYTICAL REQUIREMENTS SUMMARY
DIMOCK RESIDENTIAL GROUNDWATER SITE
DIMOCK, SUSQUEHANNA COUNTY, PENNSYLVANIA

Analytical parameter and Method	Matrix	Sample Preservation	Holding Time	Sample Container(s)
Alkalinity (SM 2320B)	drinking water	Ice, 4°C	14 days	One 250-ml HDPE
Conductivity, Specific Conductance (SM 2510B)	drinking water	Ice, 4°C	28 days	One 250-ml HDPE
Solids, Total Dissolved (TDS) (SM 2540C)	drinking water	Ice, 4°C	7 days	One 250-ml HDPE
Solids, Total Suspended (TSS) (SM 2540D)	drinking water	Ice, 4°C	7 days	One 250-ml HDPE
Phosphate, Total (SM 4500 P F)	drinking water	Ice, 4°C	48 hours	One 250-ml HDPE
Turbidity, Nephelometric (180.1)	drinking water	Ice, 4°C	48 hours	One 250-ml HDPE
Oil & Grease (HEM) (1664A)	drinking water	pH<2, HCL or H2SO4, and cool with ice, 4°C	28 days	One 1-Liter amber glass jars with teflon-lined lids
Metals, Single Analyte (per Metal) (6020A)	drinking water	ph<2 with HNO3 and cool with ice, 4°C	6 months	One 1-Liter HDPE
Mercury (CVAA) (7470A)	drinking water	ph<2 with HNO3 and cool with ice, 4°C	28 days	One 1-Liter HDPE
Hardness, Ca & Mg, Al, Fe, K, Na (6010C)	drinking water	use metals bottle, no extra volume needed	6 months	use metals bottle, no extra volume needed
Semi-Volatiles, Full List BNAs (8270C)	drinking water	Ice, 4°C	7 days	Two 1-Liter amber glass jars with teflon-lined lids
PAHs - low-level (8270-SIM)	drinking water	Ice, 4°C	7 days	Two 1-Liter amber glass jars with teflon-lined lids
TPH DRO C10-C28 (8015B)	drinking water	pH<2 with HCl, and cool with ice, 4°C	7-days extract; 40 analyze	One 1-Liter amber glass jars with teflon-lined lids
Dissolved Gases, Methane, Ethane, & Ethene (RSK-175)	drinking water	ph<2 with HCl and cool with ice, 4°C	7 days	One 40-ml glass vial
Volatiles (Full List) (8260B)	drinking water	ph<2 with HCl and cool with ice, 4°C	14 days	Three 40-ml glass vials (Fill to capacity with no head space)
EDB and DBCP (8011)	drinking water	NA2S203 and cool with ice, 4°C	14 days	Three 40-ml glass vials (Fill to capacity with no head space)
Anions, Chloride, Bromide, Sulfate (300.0)	drinking water	Ice, 4°C	28 days	One 250-ml HDPE
Methylene Blue Active Substances (MBAS) (SM 5540C)	drinking water	Ice, 4°C	48 hours	One 500-ml HDPE
Total U, Sr, Li by ICP/MS (6020A)	drinking water	ph<2 with HNO3 and cool with ice, 4°C	6 months	One 1-Liter HDPE
Gross Alpha/Beta (900.0)	drinking water	ph<2 with HNO3 and cool with ice, 4°C	6 months	One 1-Liter HDPE
Gamma Spec (K-40, Ra-226, Ra-228, Th-232, Th-234) (901.1)	drinking water	ph<2 with HNO3 and cool with ice, 4°C	6 months	One 1-Liter HDPE
Ra-226 (903.1)	drinking water	ph<2 with HNO3 and cool with ice, 4°C	6 months	One 1-Liter HDPE
Ra-228 (Brooks & Blanchard method)	drinking water	ph<2 with HNO3 and cool with ice, 4°C	6 months	One 1-Liter HDPE

Key:
< = less than or equal to
C = Degrees Celsius
CLP = Contract Laboratory Program
CWM = Clear wide mouth
oz = ounce
PCBs = Polychlorinated biphenyls
VOA = Volatile organics analysis
Note: Analyses may be combined into same bottles as applicable based on lab determination.